Utah Skill Certification
Student Performance Evaluation
Test # 185 – Agricultural Science and Technology III (CIP 010331)

(Print) Student's Name:	**Date:**
(Print) Teacher's Name:	**School:**
Teacher Signature:	**District:**

The performance evaluation **is a required component of the skill certification process.** Each student must be evaluated on the required performance objectives outlined below. Performance objectives may be completed and evaluated at anytime during the course. Students who achieve a 3 or 4 (moderately to highly skilled) on **ALL** performance objectives and 80% or higher on the written test will be issued an ATE skill certification certificate.

- Students should be aware of their progress throughout the course so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a 3 or 4 (moderately to highly skilled) on all performance objectives.
- When all performance objectives have been achieved at a minimum of a 3 or 4 (moderately to highly skilled) then "Y" (Y=Yes) is recorded for that student on the Performance Evaluation Summary Score Sheet.
- If the student scores a 1 or 2 (limited to no skill) on any performance objective then "N" (N=No) is recorded for that student on the Performance Evaluation Summary Score Sheet.
- All performance objectives **MUST** be completed and evaluated prior to the written test.
- The teacher will bubble in "A" on the test answer sheet for item #81 for students who have achieved "Y" on all of the student performance objectives.
- The teacher will bubble in "B" on the test answer sheet for item #81 for students who have one or more "N's" on the student performance objectives.
- The signed Student Performance Evaluation Sheet for each student must be kept in the teachers file for two years.

Performance Rating Scale

4 = Highly Skilled	Successfully demonstrated without supervision.
3 = Moderately Skilled	Successfully demonstrated with limited skill.
2 = Limited Skill	Demonstrated with close supervision.
1 = Not Skilled	Demonstration requires direct instruction and supervision.

Student Performance Objectives

Standard 01 – Students will understand the integral nature of the Agricultural Education Program.	**1**	**2**	**3**	**4**
• Develop short and long range leadership and personal development goals • Attend an FFA meeting • Develop Short and Long-range SAE goals • In an approved recordbook, record all transactions and activities on a SAE				

Standard 02 – Students will demonstrate management practices for specific species of animals.	1	2	3	4
• Evaluate and select livestock depending on intended use • Demonstrate methods of handling animals safely.				

Standard 03 – Students will design a system to handle and dispose of animal waste.	1	2	3	4
• Plan and design an animal waste disposal system.				

Standard 05 – Students will examine anatomy and physiology in livestock species.	1	2	3	4
• Identify the external anatomy of each species of livestock. • Identify parts of the excretory system, nervous system, and reproductive system on each species of livestock.				

Standard 06 – Students will demonstrate an understanding of range resources and management.	1	2	3	4
• Evaluate range management systems, economics, and improvement techniques. • Establish a range transect and use it to evaluate a specific location.				

Standard 07 – Students will manage plant pests – weeds, diseases, and insects.	1	2	3	4
• Identify plant pests, diseases and their causes. • Prepare plant and soil samples for analysis. • Develop an Integrated Pest Management Plan.				

Standard 08 – Students will integrate principles of biotechnology into plant science.	1	2	3	4
• Design and conduct experiments to support known principles of genetics. • Research and debate ethical issues in modern biotechnology.				

Standard 09 – Students will understand agricultural Business principles.	1	2	3	4
• Analyze and compare credit sources and types, calculate repayment ability, and costs of credit. • Make management decisions based on financial and production records. • Determine the tax obligations for an agribusiness.				